

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re United States Patent Application of:)	Docket No.:	4528-109
)		
Applicants:)	Conf. No.:	7149
)		
Application No.:)	Art Unit:	1777
)		
Date Filed:)	Examiner:	Rebecca M.
)		Fritchman
)		
Title:)	Customer No.:	
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)		23448

CERTIFICATE OF EFS FILING

I hereby certify that this document is being filed via EFS in the United States Patent and Trademark Office on **March 13, 2012**.
/kelly k. reynolds/

**RESPONSE TO DECEMBER 13, 2011 OFFICE ACTION
IN U.S. PATENT APPLICATION NO. 10/594,789**

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Sir:

This responds to the December 13, 2011 Office Action in the above-identified application. The time for responding to the December 13, 2011 Office Action without extension was set at three months, or March 13, 2012. This Response is therefore timely.

Please amend the claims of the above-identified patent application as set out in **Section I (Amendments to the Claims)** hereof.

Remarks concerning the amendments to the claims and the substance of the December 13, 2011 Office Action are set out in **Section II (Remarks)** hereof.